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KF Renk, L Genzel - Appl. Opt, 1962 - [ao.osa.org](#)... approximately those expected from the theoretical values of absorptivity of a single **grating**, together with ... C. **Interference Filter Spectrometer** With the ...Cited by 33 - [Web Search](#) - [aoot.osa.org](#) - [ao.osa.org](#)

ISO long-wavelength spectrometer

PE Clegg, PAR Ade, C Armand, JP Baluteau, MJ ... - Infrared spaceborne remote sensing, 1993 - [people.uleth.ca](#)... given by n , where n is the order of **interference**. ... PE Clegg et al.: The ISO Long-Wavelength **Spectrometer** ... This **grating**-mode AOT results in a medium-resolution ...Cited by 258 - [View as HTML](#) - [Web Search](#) - [ir.isas.ac.jp](#) - [isowww.estec.esa.nl](#) - [iso.vilspa.esa.es](#) - [all 10 versions »](#)

X-ray calibration of the AXAF Low Energy Transmission Grating Spectrometer: effective area

P Predehl, HW Braeuninger, AC Brinkman, D Dewey, ... - Proceedings of SPIE, 1997 - [adsabs.harvard.edu](#)... the effective area of the **spectrometer**, respectively ... of partial transparency of the **grating** wires; inside ... efficiency gains from constructive **interference** effects ...Cited by 20 - [Web Search](#) - [link.aip.org](#) - [csa.com](#)

A rapid-scanning interference spectrometer: application to low-level thermoluminescence emission

IK Bailiff, DA Morris, MJ Aitken - Journal of Physics E: Scientific Instruments, 1977 - [iop.org](#)... In the construction of a **spectrometer** of high aperture ($f/2$), **interference** filters were ... either side of the blaze wavelength for a **grating** instrument, or ...Cited by 5 - [Web Search](#) - [iop.org](#) - [adsabs.harvard.edu](#)

... Fourier transform spectrometer to the detection of wavelength-encoded signals from Bragg grating ...

MA Davis, AD Kersey - Journal of Lightwave Technology, 1995 - [ieeexplore.ieee.org](#)... induced fading" of the output **interference** signal, where ... FTS system developed and the **grating** sensor array ... the fiber Fourier transform **spectrometer**, which is ...Cited by 22 - [Web Search](#) - [ieeexplore.ieee.org](#)

Frequency-domain interferometer for femtosecond time-resolved phase spectroscopy

E Tokunaga, A Terasaki, T Kobayashi - Opt. Lett, 1992 - [ol.osa.org](#)... dependent signals can be Fourier transformed by a **grating** in a **spectrometer** and detected ... w(T), which represents the frequency-domain **interference** with the ...Cited by 39 - [Web Search](#) - [ol.osa.org](#) - [adsabs.harvard.edu](#)

Diffraction grating transmission efficiencies for XUV and soft X rays. A

HW Schnopper, LP Van Speybroeck, JP Delvaille, A ... - 1977 - [ao.osa.org](#)... A second objective **grating spectrometer** developed for extrasolar x ... 1 is a schematic of the **grating** production process ... beam ex- poses an **interference** pattern on ...Cited by 25 - [Web Search](#) - [aoot.osa.org](#) - [adsabs.harvard.edu](#) - [csa.com](#) - [all 5 versions »](#)

Dispersive interferometric profilometer

J Schwider, L Zhou - 1994 - [ol.osa.org](#)... the light of a slit re- gion with the help of a **grating spectrometer**. ... for a unique OPD determination that in the case of a Fizeau **interference** pattern provides ...Cited by 31 - [Web Search](#) - [ol.osa.org](#) - [adsabs.harvard.edu](#)

[PS] Observing with the ISO Short-Wavelength Spectrometer

T de Graauw, LN Haser, DA Beintema, PR Roelfsema, ... - ASTROPHYSICS, 1996 - [sron.rug.nl](#)



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A **Fourier transform spectrometer** for the vacuum ultraviolet: Design and performance.

AP Thorne, CJ Harris, I Wynne-Jones, RCM Learner, ... - J. PHYS. E: SCI. INSTRUM., 1987 - [iop.org](#)... A **Fourier transform spectrometer** designed to operate at high resolution at wavelengths ... iv) a significant luminosity gain over **grating** spectrometers operating ...Cited by 32 - [Web Search](#) - [csa.com](#) - [adsabs.harvard.edu](#) - [all 4 versions »](#)

Multichanel **Fourier transform infrared spectrometer**

M Hashimoto, S Kawata - 1992 - [ao.osa.org](#)... is called a multichannel dispersive **spectrometer** (MCDS), features no **grating** scanning, and ... tech- nique compared with **Fourier transform** spectroscopy ...Cited by 19 - [Web Search](#) - [aoot.osa.org](#) - [ao.osa.org](#) - [adsabs.harvard.edu](#)

Raman spectroscopy of gases with a **Fourier transform spectrometer**- The spectrum of D 2

DE JENNINGS, A WEBER, JW BRAULT - Applied Optics, 1986 - [ao.osa.org](#)... Since the spectral resolu- tion in a **grating spectrometer** is adjusted by ... **Fourier transform** spectrometers have potential ad- vantages for Raman spectroscopy. ...Cited by 12 - [Web Search](#) - [aoot.osa.org](#) - [csa.com](#) - [adsabs.harvard.edu](#) - [all 5 versions »](#)

frequencies and strengths: 5750 to 7965 cm-

RA Toth - APPLIED OPTICS, 1994 - [ao.osa.org](#)... 7965 cm⁻¹ was undertaken through the use of a **Fourier transform spectrometer** at a ... 7500 cm⁻¹ region from spectra obtained with a **grating spectrometer** having a ...Cited by 67 - [Web Search](#) - [ao.osa.org](#) - [csa.com](#) - [adsabs.harvard.edu](#)

Experimental Realization of the Multiplex Advantage with a Hadamard-Transform Spectrometer

JA Decker Jr - Appl. Opt, 1971 - [ao.osa.org](#)... is limited by the **grating** size as ... the signal from a Hadamard-transform **spectrometer** lacks the ... the more straight- forward **fourier-transform** spectrometers," and ...Cited by 17 - [Web Search](#) - [csa.com](#)

[PS] A **Fourier transform cavity ring down spectrometer**

R Engeln, G Meijer - Review of Scientific Instruments, 1996 - [rijnh.nl](#)... of the normalized interfero- grams with the **Fourier transform** of I ... light source used in the FT-CRD **spectrometer** is not ... 8 and stylr 9. With the **grating** in the ...Cited by 17 - [View as HTML](#) - [Web Search](#) - [link.aip.org](#) - [adsabs.harvard.edu](#)

[BOOK] **Fourier Transform Spectrometry**

SP Davis, MC Abrams, JW Brault - 2001 - [books.google.com](#)... than most instruments, the **Fourier transform spectrometer** is a ... idea, in this case **Fourier's** theorem ... of working equation, for example, the **grating** equation, which ...Cited by 22 - [Web Search](#) - [Library Search](#)

Frequency-domain interferometer for femtosecond time-resolved phase spectroscopy

E Tokunaga, A Terasaki, T Kobayashi - Opt. Lett, 1992 - [ol.osa.org](#)

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